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**Sent:** Thursday, April 14, 2011 12:16 PM  
**To:** Hanchett, James (DPH)  
**Subject:** Hot Topics on Chromatography Forum

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## Hot Topics on Update Separation Science e-Learning Chromatography Forum

*Chromatography Forum is arguably the most widely used chromatography discussion site on the web. A typical week sees messages covering a wide range of topics in LC, GC, MS, and related techniques. With a full-text search function, the Forum is an unparalleled learning resource. Here are some of the topics currently being discussed:*

**LIQUID CHROMATOGRAPHY**  
"Experiencing poor Sucrose elution"  
A discussion of column and eluent choices for sucrose analysis...  
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"Inorganic ions analysis by HPLC"  
Is it possible to simultaneously analyse for inorganic anions and cations using ion-pair chromatography? The answers may surprise you...  
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"Loss of selectivity in columns at high pH"  
Sometimes, problems are not really the fault of the column. Check out the discussion of some potential causes...  
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"Another Oligosaccharide Separation Question"  
Anybody for capillary electrophoresis of carbohydrates? Take a look...  
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**GAS CHROMATOGRAPHY**  
"GC-MS problem (methanol is converted to formaldehyde)?"  
The hunt for the solution to a problem that appeared suddenly...  
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"Flow not reaching desired rate"  
A lot of suggestions to what started out looking like a simple problem...  
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"Nitrogen ramping in my base line"  
A lot of ideas on why split mode works, but splitless mode has a problem...  
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"Poor peak shape when analyzing FAMEs on GC-FID"  
Is it overload? Is it the derivatization? Or is it a stationary phase issue?  
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**SAMPLE PREPARATION**  
"Phospholipid Extraction From TLC scrapings"  
TLC is not always as simple as it seems, especially when you have to follow it with other techniques. Read about some issues...  
[Click to read more >>](#)

"Sample degradation in autosampler"  
This thread started in September and is still going. It brings to light some unexpected issues...  
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ASK THE DOCTOR  
If you have an analytical question for John Dolan...  
[CLICK HERE >>](#)

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